

TABLE I-6

S = 7

| | Transition Probabilities | | | | | | |
|---|--------------------------|------|------|------|---------------------------------|------|------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 1 | .004 | | | | | .995 | |
| 2 | .268 | | .447 | | | | .283 |
| 3 | | | | .029 | | | .970 |
| 4 | | .814 | .011 | .173 | | | |
| 5 | .061 | .362 | .160 | .377 | .014 | | .024 |
| 6 | .139 | .029 | .261 | | | | .569 |
| 7 | .037 | .052 | .110 | .017 | .742 | | .039 |
| | | | | | <u>Output Probabilities</u> | | |
| 1 | | | | | | | |
| A | | .006 | | | .002 | | .271 |
| B | .029 | | .062 | | .005 | | |
| C | .099 | .007 | .073 | | .036 | | |
| D | | | .042 | .194 | .031 | | |
| E | | | | .363 | .044 | .058 | .248 |
| F | .022 | | .070 | .001 | .044 | | |
| G | .081 | | .027 | .044 | .001 | .450 | |
| H | | | .052 | | .016 | .111 | .163 |
| I | | .058 | | | | | |
| J | | | .023 | | .005 | | |
| K | | | .008 | .012 | .096 | .054 | |
| L | | | .053 | .045 | | .021 | |
| M | | | .071 | .007 | .039 | .005 | |
| N | | | .045 | .004 | .265 | .125 | .227 |
| O | | | | | | .003 | |
| P | .090 | | .073 | | .011 | | |
| Q | | | .002 | | .198 | .120 | |
| R | | | .079 | | .107 | | |
| S | .066 | .007 | .072 | .133 | .107 | .034 | |
| T | .556 | | .099 | .108 | .081 | .007 | .086 |
| U | | .007 | | | .012 | | |
| V | | | .050 | | .006 | | |
| W | .054 | | .060 | | .008 | .005 | |
| X | | | | | .009 | | |
| Y | | | .007 | .084 | .016 | .001 | .001 |
| Z | | | .002 | | | | |
| # | | .911 | | | | | |
| | | | | | <u>Stationary Probabilities</u> | | |
| | .069 | .181 | .140 | .115 | .182 | .069 | .241 |

TABLE I-7

S = 8

| | Transition Probabilities | | | | | | | |
|---|--------------------------|------|------|------|---------------------------------|------|------|------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1 | .003 | .006 | .165 | .674 | | .051 | | |
| 2 | .002 | .050 | .151 | .036 | .074 | .088 | | .098 |
| 3 | .085 | .097 | .089 | .707 | .002 | .017 | | .595 |
| 4 | | .278 | | | .314 | .406 | | |
| 5 | .184 | .136 | | | | | | .678 |
| 6 | .077 | .911 | | | .010 | | | |
| 7 | .081 | .008 | .366 | .319 | .121 | .095 | | .007 |
| 8 | .348 | .529 | | .093 | .001 | .027 | | |
| | | | | | <u>Output Probabilities</u> | | | |
| 1 | | | | | | | | |
| A | .002 | .286 | | .013 | .061 | .049 | .002 | |
| B | .001 | | | .005 | .109 | .086 | .039 | |
| C | | | .263 | | .002 | .063 | .010 | |
| D | .798 | .212 | | | .015 | .075 | .046 | .035 |
| E | | | .020 | | .071 | .014 | | |
| F | | | .057 | | | .064 | | .492 |
| G | | | .001 | | | | .019 | .106 |
| H | | .178 | | .061 | | | | |
| I | | | | | | .026 | | |
| J | | | | | .002 | .004 | | |
| K | | | .022 | | | .055 | .113 | .074 |
| L | | | .077 | | | .089 | .043 | .020 |
| M | | | .016 | | | .051 | .324 | .006 |
| N | .007 | | .016 | | | | .074 | .074 |
| O | .088 | .234 | | | | .076 | .013 | .002 |
| P | | | | | .086 | .005 | | |
| Q | | | | | | .103 | .242 | .133 |
| R | | | .230 | .003 | .067 | .077 | .076 | |
| S | | | .215 | | .544 | | .024 | .034 |
| T | .024 | .088 | | .007 | | | .018 | .010 |
| U | | | | | | .076 | | |
| V | | | | | .039 | .071 | .011 | .006 |
| W | | | | .001 | | | .011 | |
| X | | | .078 | | | .004 | .001 | .001 |
| Y | .076 | | | | | .004 | .001 | |
| Z | | | | | | .004 | | |
| # | | | | .905 | | | | |
| | | | | | <u>Stationary Probabilities</u> | | | |
| | .070 | .226 | .108 | .183 | .093 | .115 | .142 | .063 |